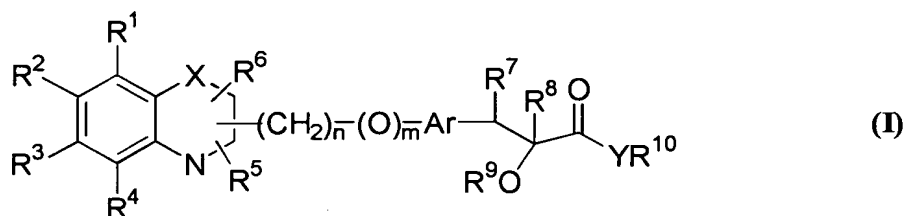


IN THE CLAIMS

Claims. 1 - 28 (Canceled)

8' Claim 29. (Currently Amended) A method for ~~preventing or~~ treating complications of diabetes said diabetes caused by insulin resistance or impaired glucose tolerance, said method comprising administering a therapeutically effective amount of a compound of formula (I)



its tautomeric forms, its stereoisomers, its polymorphs, its pharmaceutically acceptable salts, or its pharmaceutically acceptable solvates, wherein the groups R¹, R², R³, R⁴, and the groups R⁵ and R⁶ when attached to a carbon atom, may be the same or different and represent hydrogen, halogen, hydroxy, nitro, cyano, formyl or optionally substituted groups selected from alkyl, cycloalkyl, alkoxy, cycloalkoxy, aryl, aryloxy, aralkyl, aralkoxy, heterocyclyl selected from aziridinyl, pyrrolidinyl, morpholinyl, piperidinyl or piperazinyl; heteroaryl group selected from pyridyl, thienyl, furyl, pyrrolyl, oxazolyl, thiazolyl, imidazolyl, oxadiazolyl, tetrazolyl, benzopyranyl, or benzofuranyl; heteroaralkyl group selected from furanmethyl, pyridinemethyl, oxazolemethyl, or oxazolethyl; heteroaryloxy wherein the heteroaryl

moiety is as defined above, heteroaralkoxy, wherein the heteroaralkyl moiety is as defined above; acyl selected from acetyl, propionyl or benzoyl; acyloxy, hydroxyalkyl, amino, acylamino, alkylamino, arylamino, aralkylamino, aminoalkyl, alkoxycarbonyl, aryloxycarbonyl, aralkoxycarbonyl, alkoxyalkyl, aryloxyalkyl, aralkoxyalkyl, alkylthio, thioalkyl, alkoxycarbonylamino, aryloxycarbonylamino, aralkoxycarbonylamino, carboxylic acid or its esters or amides, or sulfonic acid or its esters or amides; one or both of R⁵ and R⁶ may represent an oxo group when attached to a carbon atom; R⁵ and R⁶ when attached to a nitrogen atom may be the same or different and represent hydrogen, hydroxy, formyl or optionally substituted groups selected from alkyl, cycloalkyl, alkoxy, cycloalkoxy, aryl, aralkyl, heterocyclyl selected from aziridinyl, pyrrolidinyl, morpholinyl, piperidinyl or piperazinyl; heteroaryl group selected from pyridyl, thienyl, furyl, pyrrolyl, oxazolyl, thiazolyl, imidazolyl, oxadiazolyl, tetrazolyl, benzopyranyl, or benzofuranyl; heteroaralkyl group selected from furanmethyl, pyridinemethyl, oxazole-methyl, or oxazolethyl; acyl selected from acetyl, propionyl or benzoyl; acyloxy, hydroxyalkyl, amino, acylamino, alkylamino, arylamino, aralkylamino, aminoalkyl, aryloxy, aralkoxy, heteroaryloxy wherein the heteroaryl moiety is as defined above, heteroaralkoxy, wherein the heteroaralkyl moiety is as defined above; alkoxycarbonyl, aryloxycarbonyl, aralkoxycarbonyl, alkoxyalkyl, aryloxyalkyl, aralkoxyalkyl, alkylthio, thioalkyl groups, esters or amides of carboxylic acid or esters or amides of sulfonic acid; X represents oxygen or sulfur; Ar represents an optionally substituted divalent single aromatic or fused aromatic or heterocyclic group; R⁷ represents hydrogen atom, hydroxy, alkoxy, halogen, lower alkyl, optionally substituted aralkyl group or forms a bond together with R⁸; R⁸ represents hydrogen, hydroxy, alkoxy, halogen, lower alkyl group, acyl, or optionally substituted aralkyl or R⁸ forms a bond together with R⁷; R⁹ represents hydrogen, or optionally substituted groups selected from alkyl,

cycloalkyl, aryl, aralkyl, alkoxyalkyl, alkoxycarbonyl, aryloxycarbonyl, alkylaminocarbonyl, arylaminocarbonyl, acyl selected from acetyl, propionyl or benzoyl; heterocyclyl selected from aziridinyl, pyrrolidinyl, morpholinyl, piperidinyl or piperazinyl; heteroaryl group selected from pyridyl, thienyl, furyl, pyrrolyl, oxazolyl, thiazolyl, imidazolyl, oxadiazolyl, tetrazolyl, benzopyranyl, or benzofuranyl; or heteroaralkyl group selected from furanmethyl, pyridinemethyl, oxazolemethyl, or oxazolethyl; R^{10} represents hydrogen or optionally substituted groups selected from alkyl, cycloalkyl, aryl, aralkyl, heterocyclyl selected from aziridinyl, pyrrolidinyl, morpholinyl, piperidinyl or piperazinyl; heteroaryl group selected from pyridyl, thienyl, furyl, pyrrolyl, oxazolyl, thiazolyl, imidazolyl, oxadiazolyl, tetrazolyl, benzopyranyl, or benzofuranyl; or heteroaralkyl group selected from furanmethyl, pyridinemethyl, oxazolemethyl or oxazolethyl; Y represents oxygen or NR^{12} , where R^{12} represents hydrogen, alkyl, aryl, hydroxyalkyl, aralkyl, heterocyclyl selected from aziridinyl, pyrrolidinyl, morpholinyl, piperidinyl or piperazinyl; heteroaryl group selected from pyridyl, thienyl, furyl, pyrrolyl, oxazolyl, thiazolyl, imidazolyl, oxadiazolyl, tetrazolyl, benzopyranyl, or benzofuranyl; or heteroaralkyl group selected from furanmethyl, pyridinemethyl, oxazolemethyl or oxazolethyl; R^{10} and R^{12} together may form a 5 or 6 membered cyclic structure containing carbon atoms, which may optionally contain one or more heteroatoms selected from oxygen, sulfur or nitrogen; the linking group represented by $-(CH_2)_n-(O)_m-$ may be attached either through a nitrogen atom or a carbon atom; n is an integer ranging from 1-4 and m is an integer 0 or 1, with the proviso that when the linking group is attached through a carbon atom and either of R^5 or R^6 represents an oxo group and Y is an oxygen atom, R^9 does not represent a hydrogen atom when the linking group is attached through a carbon atom and either of R^5 or R^6 represents an oxo group and Y is an

oxygen atom, R⁹ does not represent a hydrogen atom; and a pharmaceutically acceptable carrier, diluent or excipient to a patient in need thereof, wherein the complication in hyperglycemia, osteoporosis, hyperlipidemia, nephrotic syndrome or disorders related to endothelial cell division.

ε'

Claim 30. (Currently Amended) A method for ~~preventing or~~ treating complications of diabetes said diabetes caused by insulin resistance or impaired glucose tolerance said method comprising administering a therapeutically effective amount of a compound selected from:

Ethyl (E/Z)-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-ethoxypropenoate;

(±) Methyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-ethoxypropanoate;

(+) Methyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-ethoxypropanoate;

(-) Methyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-ethoxypropanoate;

Ethyl (E/Z)-3-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)methylbenzofuran-5-yl]-2-ethoxypropenoate;

Ethyl (E/Z)-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-ethoxypropenoate;

(±) Methyl 3-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)methylbenzofuran-5-yl]

-2-ethoxypropanoate;

(+) Methyl 3-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)methylbenzofuran-5-yl]

-2-ethoxypropanoate;

(-) Methyl 3-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)methylbenzofuran-5-yl]

-2-ethoxypropanoate;

(±) Methyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-

ethoxypropanoate;

(+) Methyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-

ethoxypropanoate;

(-) Methyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-

ethoxypropanoate;

(±) Methyl 2-methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]

phenyl]-2-ethoxypropanoate;

(+) Methyl 2-methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]

phenyl]-2-ethoxypropanoate;

(-) Methyl 2-methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]

phenyl]-2-ethoxypropanoate;

(±) Methyl 2-(2-fluorobenzyl)-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-

yl)ethoxy]phenyl]-2-ethoxypropanoate;

(+) Methyl 2-(2-fluorobenzyl)-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-

yl)ethoxy]phenyl]-2-ethoxypropanoate;

(-) Methyl 2-(2-fluorobenzyl)-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-

yl)ethoxy]phenyl]-2-ethoxypropanoate;

Ethyl (E/Z)-3-[4-[2-(3-oxo-2H-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-ethoxypropenoate;

ε' (±) Methyl 3-[4-[2-(3-oxo-2H-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-ethoxypropanoate;

(+) Methyl 3-[4-[2-(3-oxo-2H-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-ethoxypropanoate;

(-) Methyl 3-[4-[2-(3-oxo-2H-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-ethoxypropanoate;

Ethyl (E/Z)-3-[6-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]naphthyl]-2-ethoxypropenoate;

(±) Methyl 3-[6-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]naphthyl]-2-ethoxypropanoate;

(+) Methyl 3-[6-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]naphthyl]-2-ethoxypropanoate;

(-) Methyl 3-[6-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]naphthyl]-2-ethoxypropanoate;

(±) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-hydroxypropanoate;

(+) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-hydroxypropanoate;

(-) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-

hydroxypropanoate;

(±) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-hydroxypropanoate;

(+) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-hydroxypropanoate;

(-) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-hydroxypropanoate;

(±) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-benzyloxypropanoate;

(+) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-benzyloxypropanoate;

(-) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-benzyloxypropanoate;

(±) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-butoxypropanoate;

(+) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-butoxypropanoate;

(-) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-butoxypropanoate;

(±) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-hexyloxy propanoate;

(+) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-

hexyloxy propanoate;

(-) Ethyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-

hexyloxy propanoate;

ε' Ethyl (E/Z)-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-phenoxypropenoate;

(±) Methyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoate;

(+) Methyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoate;

(-) Methyl 3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoate;

Ethyl (E/Z)-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-phenoxypropenoate;

(±) Methyl 3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoate;

(+) Methyl 3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoate;

(-) Methyl 3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoate;

Ethyl (E/Z)-3-[4-(4-methyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl) methoxyphenyl]-2-ethoxypropenoate;

(±) Methyl 3-[4-(4-methyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl) methoxyphenyl]-2-ethoxypropanoate;

(+) Methyl 3-[4-(4-methyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl) methoxyphenyl]-2-ethoxypropanoate;

(-) Methyl 3-[4-(4-methyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl) methoxyphenyl]-2-ethoxypropanoate;

Ethyl (E/Z)-3-[4-(4-benzyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl) methoxyphenyl]-2-ethoxypropenoate;

(±) Methyl 3-[4-(4-benzyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl) methoxyphenyl]-2-ethoxypropanoate;

(+) Methyl 3-[4-(4-benzyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl) methoxyphenyl]-2-ethoxypropanoate;

(-) Methyl 3-[4-(4-benzyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl) methoxyphenyl]-2-ethoxypropanoate;

(±) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-ethoxypropanoic acid and its salts;

(+) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-ethoxypropanoic acid and its salts;

(-) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-ethoxypropanoic acid and its salts;

(±) 3-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)methylbenzofuran-5-yl]-2-

ethoxypropanoic acid and its salts;

(+) 3-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)methylbenzofuran-5-yl]-2-

ethoxypropanoic acid and its salts;

(-) 3-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)methylbenzofuran-5-yl]-2-

ethoxypropanoic acid and its salts;

(±) 3-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)methylbenzofuran-5-yl]-2-

ethoxypropanoic acid and its salts;

(+) 3-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)methylbenzofuran-5-yl]-2-

ethoxypropanoic acid and its salts;

(-) 3-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)methylbenzofuran-5-yl]-2-

ethoxypropanoic acid and its salts;

(±) 3-[4-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-ethoxypropanoic

acid and its salts;

(+) 3-[4-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-ethoxypropanoic

acid and its salts;

(-) 3-[4-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-ethoxypropanoic

acid and its salts;

(±) 3-[4-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-ethoxypropanamide;

(+) 3-[4-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-ethoxypropanamide;

(-) 3-[4-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-ethoxypropanamide;

ε'

(±) N-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]
-2-ethoxypropanamide;

(+) N-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]
-2-ethoxypropanamide;

(-) N-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]
-2-ethoxypropanamide;

(±) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-ethoxypropanamide;

(+) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-ethoxypropanamide;

(-) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-ethoxypropanamide;

(±) N-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-
ethoxypropanamide;

(+) N-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-
ethoxypropanamide;

(-) N-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-
ethoxypropanamide;

(±) N-Benzyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]
-2-ethoxypropanamide;

(+) N-Benzyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]
-2-ethoxypropanamide;

(-) N-Benzyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]
-2-ethoxypropanamide;

(±) N-Benzyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]
-2-ethoxypropanamide;

(+) N-Benzyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]
-2-ethoxypropanamide;

ε'

(-) N-Benzyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]
-2-ethoxypropanamide;

(±) 2-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]
-2-ethoxypropanoic acid and its salts;

(+) 2-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]
-2-ethoxypropanoic acid and its salts;

(-) 2-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]
-2-ethoxypropanoic acid and its salts;

(±) 2-(2-Fluorobenzyl)-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy] phenyl]-2-
ethoxypropanoic acid and its salts;

(+) 2-(2-Fluorobenzyl)-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy] phenyl]-2-
ethoxypropanoic acid and its salts;

(-) 2-(2-Fluorobenzyl)-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy] phenyl]-2-
ethoxypropanoic acid and its salts;

(±) 3-[4-[2-(3-Oxo-2H-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-
ethoxypropanoic acid and its salts;

(+) 3-[4-[2-(3-Oxo-2H-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-
ethoxypropanoic acid and its salts;

(-) 3-[4-[2-(3-Oxo-2H-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-

ethoxypropanoic acid and its salts;

(±) 3-[4-[2-(3-Oxo-2H-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-

ethoxypropanoic acid and its salts;

ε' (+) 3-[4-[2-(3-Oxo-2H-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-

ethoxypropanoic acid and its salts;

(-) 3-[4-[2-(3-Oxo-2H-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-

ethoxypropanoic acid and its salts;

(±) 3-[6-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]naphthyl]-2-ethoxypropanoic

acid and its salts;

(+) 3-[6-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]naphthyl]-2-ethoxypropanoic

acid and its salts;

(-) 3-[6-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]naphthyl]-2-ethoxypropanoic

acid and its salts;

(±) 3-[6-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]naphthyl]-2-ethoxypropanoic

acid and its salts;

(+) 3-[6-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]naphthyl]-2-ethoxypropanoic

acid and its salts;

(-) 3-[6-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]naphthyl]-2-ethoxypropanoic

acid and its salts;

(±) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-hydroxypropanoic

acid and its salts;

(+) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-hydroxypropanoic acid and its salts;

(-) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-hydroxypropanoic acid and its salts;

ε'

(±) 3-[4-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-hydroxypropanoic acid and its salts;

(+) 3-[4-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-hydroxypropanoic acid and its salts;

(-) 3-[4-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-hydroxypropanoic acid and its salts;

(±) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-benzyloxypropanoic acid and its salts;

(+) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-benzyloxypropanoic acid and its salts;

(-) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-benzyloxypropanoic acid and its salts;

(±) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-butoxypropanoic acid and its salts;

(+) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-butoxypropanoic acid and its salts;

(-) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-butoxypropanoic acid and its salts;

(±) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-hexyloxypropanoic acid and its salts;

(+) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-hexyloxypropanoic acid and its salts;

ε' (-) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-hexyloxypropanoic acid and its salts;

(±) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoic acid and its salts;

(+) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoic acid and its salts;

(-) 3-[4-[2-(2,3-Dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoic acid and its salts;

(±) 3-[4-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoic acid and its salts;

(+) 3-[4-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoic acid and its salts;

(-) 3-[4-[2-(2,3-Dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoic acid and its salts;

(±) Methyl 2-methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoate;

(+) Methyl 2-methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoate;

(-) Methyl 2-methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]

phenyl]-2-phenoxypropanoate;

(±) 2-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoic acid and its salts;

ε'

(+) 2-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoic acid and its salts;

(-) 2-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzoxazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoic acid and its salts;

(±) Methyl 2-methyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoate;

(+) Methyl 2-methyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoate;

(-) Methyl 2-methyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-phenoxypropanoate;

(±) 2-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-phenoxy propanoic acid and its salts;

(+) 2-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-phenoxy propanoic acid and its salts;

(-) 2-Methyl-3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-phenoxy propanoic acid and its salts;

(±) 4-Nitrophenyl 3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]-2-ethoxy propanoate;

(+) 4-Nitrophenyl 3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]

-2-ethoxy propanoate;

(-) 4-Nitrophenyl 3-[4-[2-(2,3-dihydro-1,4-benzothiazin-4-yl)ethoxy]phenyl]

-2-ethoxy propanoate;

ε / (+) 3-[4-(4-Benzyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl)methoxyphenyl]-2-ethoxypropanoic acid and its salts;

(+) 3-[4-(4-Benzyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl)methoxyphenyl]-2-ethoxypropanoic acid and its salts;

(-) 3-[4-(4-Benzyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl)methoxyphenyl]-2-ethoxypropanoic acid and its salts;

(±) 4-Nitrophenyl-3-[4-(4-benzyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl)methoxyphenyl]-2-ethoxypropanoate;

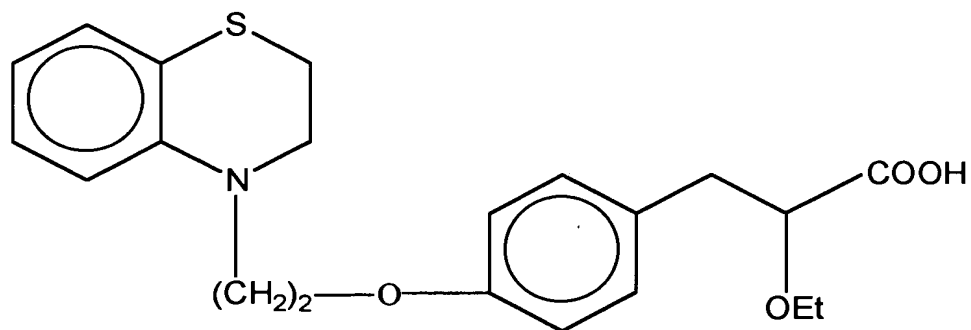
(+) 4-Nitrophenyl-3-[4-(4-benzyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl)methoxyphenyl]-2-ethoxypropanoate; and

(-) 4-Nitrophenyl-3-[4-(4-benzyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl)methoxyphenyl]-2-ethoxypropanoate; and

a pharmaceutically acceptable carrier, diluent or excipient to a patient in need thereof, wherein the complication is hyperglycemia, osteoporosis, hyperlipidemia, nephrotic syndrome or disorders related to endothelial cell division.

Claim 31. (Currently Amended) A method for ~~preventing or~~ treating complications of diabetes said diabetes caused by insulin resistance or impaired glucose tolerance said method comprising administering a therapeutically effective amount of a 3-[4-[2-(2,3-Dihydro-1, 4-benzothiazin-4-yl)ethoxy]phenyl]-2-ethoxypropanoic acid of the formula:

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or a pharmaceutically acceptable salt, polymorph, tautomer, or stereoisomer thereof and a pharmaceutically acceptable carrier, diluent or excipient to a patient in need thereof, wherein the complication is hyperglycemia, osteoporosis, hyperlipidemia, nephrotic syndrome or disorders related to endothelial cell division.

Claims. 32 - 33 (Canceled)
